Math 1021 College Algebra
Summer 2016 Syllabus

You are responsible for abiding by all of the rules and policies stated on this Syllabus. Print it and read it carefully. Refer to it throughout the semester.

Course Website: www.math.lsu.edu/courses/1021

Course Eligibility

- Students should have a minimum Math ACT score of 20 to enroll in Math 1021.
- First semester freshman with a Math ACT score of 25 or greater receive automatic credit for Math 1021.
- Credit will not be given for both Math 1021 and Math 1023.

Course Design Overview

- Class meets once a cycle for ninety minutes at the scheduled time. A cycle includes 1 class day and 2 lab days. Excluding Saturdays, Sundays, and July 4, the 3-day cycle repeats for a total of 8 cycles in the summer term.
- You will be required to spend a minimum of three hours each cycle in the LSU Math Lab in Middleton Library Room 300X doing your work.
- Your homework, tests, and the Final Exam will be completed online using a web-based learning and assessment system called MyMathLab (MML).

Required Materials

- **Trigsted MyMathLab online account** - contains all the course assignments
  
  To set this up at www.mymathlab.com, you will need the following:
  
  1. **MyMathLab Course ID#: kopcsoxxxxx**
     
     The course ID# for your specific section of the course is listed above in red. This course ID# ensures that you are placed into the correct section of Math 1021 in MyMathLab.
  
  2. **Trigsted MyMathLab access**
     
     If you took Math 1021, 1022, or 1023 at LSU after the spring of 2015 AND you remember your username and password for your Trigsted MyMathLab account, then you will not need to purchase anything. Otherwise, you will need to purchase access to a Trigsted MyMathLab account.
     
     To pay for this, you can either 1) purchase a maroon cardboard sleeve containing a Trigsted MyMathLab access code (ISBN 978 032 192 375 2) at any campus bookstore prior to beginning the MyMathLab registration process or 2) pay online during the MyMathLab registration process using a personal credit card or Pay Pal account.
     
     If financial constraints prohibit you from paying for this the first week of class, you can get a 14-day temporary access during the MyMathLab registration process.
  
  3. **Username and Password in MyMathLab**
     
     It is recommended that you use your LSU email address for your username and your myLSU password for your MyMathLab password. Be sure to record what you have chosen, because you will need to use it every time you sign in to MyMathLab.
  
  4. **LSU email address**
     
     You MUST use your LSU email address in MyMathLab in the email address field even if it is not your preferred email address. It will be used as the personal identifier that allows your MML grades to be properly imported into your Moodle gradebook. Without it, your MML grades will not be transferred into Moodle to be included in your course grade calculation.
• **LSU student ID card**
  Your ID card is required for access to the LSU Math Lab in Middleton Library and the LSU Testing Center in Himes Hall or the ODS Testing Center in Johnston Hall.

• **Non-graphing calculator** with logarithmic and exponential capabilities
  The TI30 XIIS (solar) or the TI30X IIB (battery) with a two-line display is preferred. Graphing calculators are NOT allowed on tests, the Final Exam, or in the LSU Math Lab. Calculators with symbolic notation or natural display capabilities, such as the TI-30XS Multiview, the TI-34 Multiview, the TI-36XPro, and the Casio 115ES Plus or 300ES Plus Natural Display series, are NOT allowed on tests, the Final Exam, or in the LSU Math Lab. For more specific details, see the Calculator Policy posted in Moodle, in MyMathLab, and on the course website.

• **Headphones** to listen to the video lectures in the LSU Math Lab
  Video lectures for all topics covered in the course are available in Moodle, in MyMathLab, and on the course website.

• **Class Notes and loose-leaf paper** in class and in LSU Math Lab
  A packet of Class Notes for the semester must be purchased at the LSU Bookstore or printed one section at a time from Moodle, MyMathLab, or the course website. See your Daily Schedule (also posted in Moodle, in MyMathLab, and on the course website) for the specific etext sections covered in Math 1021.

**MyMathLab Tips**

• It is possible that at some point during the semester you will not be able to access your account in MyMathLab by going to [www.mymathlab.com](http://www.mymathlab.com) and selecting “Sign in” on the upper right side. In this situation, you can try using [www.mathxl.com](http://www.mathxl.com) but be sure to click the small link for MyMathLab users in the middle of the right side of the MathXL home page, and not the large Sign in button for MathXLusers.

• If you need technical assistance outside of the LSU Math Lab, call MyMathLab student technical support at 1 800 677 6337.

**Topics**

Topics covered include Solving Equations and Inequalities, Lines and Circles, Systems of Equations, Functions and their Graphs, Inverse Functions, and Polynomial, Rational, Exponential, and Logarithmic Functions with Applications.

**Class Participation**

• Class meets 8 times during the summer term for 90 minutes each at the scheduled time. In class, your teacher will present an overview of the work for each cycle.

• You will receive a participation grade for each class meeting. You must attend for 90 minutes, take notes, pay attention, and stay awake, to earn a grade of 100%. If you fail to meet this requirement throughout the 90-minute class meeting, you will receive a grade of 0% for that class meeting.

• Laptops, cell phones, iPads, iPods, watches, and any other electronic devices that beep or ring must be silenced and completely put away out of sight during class.

• Your class participation average is worth 5% of your course grade.

• If you must miss class and have a documented university excuse (death in the immediate family, severe personal illness, required military service, court-ordered appearance, an official LSU function), contact your teacher immediately, preferably before the absence occurs or immediately thereafter.
**Lab Participation**

- Lab participation in the LSU Math Lab in Middleton Library for a minimum of 3 hours per cycle is required. Lab participation time is separate from the required class time. You should also expect to spend additional time outside of the required class and LSU Math Lab times reading the etext, studying your class notes, watching the LSU videos, doing homework, and repeatedly working the Practice Tests until you are certain you have mastered the material. You are strongly encouraged to interact with teachers, tutors, and other students in the LSU Math Lab in order to get individualized, immediate answers to your questions.

- There are 16 lab days in the summer term. The LSU Math Lab in Middleton Library Room 300X will be open from 9:00 AM – 1:00 PM on designated lab days. The LSU Math Lab is not open on class days. Refer to your Daily Schedule for class and lab days.

- Your visits to the LSU Math Lab must be officially recorded by the tutor at the front desk of the LSU Math Lab for the time to count towards your lab participation grade. The preferred method is for your LSU ID card to be swiped when you enter and when you leave the LSU Math Lab so that your time is recorded electronically. Each time your card is swiped when entering or leaving the LSU Math Lab, the tutor will tell you your time in the LSU Math Lab so far for the current week. This is your confirmation that your card swipe was properly recorded. If you fail to have your time properly recorded when you leave, the time for that visit will not count. In the event that your visit cannot be recorded electronically, the tutor will record the details of your visit in the Time Clock Log binder to be entered manually.

- You will receive a lab participation grade for each cycle. You must work in the LSU Math Lab a minimum of 3 hours each cycle following all LSU Math Lab rules to earn a grade of 100%. If you fail to meet this requirement for a cycle, you will receive a grade of 0% for that cycle.

- Your lab participation average is worth 5% of your course grade.

- Remember that you receive course credit for time spent in the LSU Math Lab, so you are allowed to do only your Math 1021 work or your math-related activities (such as reading the etext, scheduling a test, or watching a math video) while you are in the LSU Math Lab. The penalty for violating this rule will be that you are asked to leave the LSU Math Lab and will receive a zero in lab participation for that cycle even if all required hours have been completed.

- Laptops, cell phones, iPads, iPods, watches, and any other electronic devices that beep or ring cannot be used in the LSU Math Lab. You cannot listen to music while in the LSU Math Lab. Your cell phone must be silenced and completely put away out of sight in the LSU Math Lab.

- No food, drinks, water, gum, candy, tobacco products, or weapons are allowed in the LSU Math Lab.

**Homework**

- You should review your class notes and read the etext before attempting the homework.

- Homework assignments must be completed by 11:59 PM. See your Daily Schedule for due dates.

- Homework can be done from anywhere using MyMathLab.

- When working your homework assignments, you should save after completing each exercise.

- You can re-work exercises, enter and exit your homework, and get back to it at a later time prior to the due date.

- Your homework assignment average is worth 15% of your course grade. Your two lowest homework assignments will not be used in the course grade calculation (even though those scores show in the Moodle gradebook).

- If you rely on the MyMathLab learning aids or other help to get a Skill Check, Standard, Step-by-Step, or Brief Exercise correct, then use the Similar Exercise feature and rework the exercise repeatedly until you can get it correct without any help. This is essential. Many students who become overly dependent on the learning aids or other assistance to get a score of 100% on the homework assignment find that they score much lower on the tests.
There are three categories of homework exercises. For each category, the result of your last attempt for each exercise will be recorded when you save.

<table>
<thead>
<tr>
<th>Type of Exercise</th>
<th>Sample of Numbering</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skill Check Standard</td>
<td>1.1SCE-2</td>
<td>~learning aids usually available in MML ~in general three attempts allowed for each iteration with feedback after each ~Similar Exercise (new iteration for same exercise number) allowed an unlimited number of times ~tutors in lab can assist with these exercises</td>
</tr>
<tr>
<td>Step-by-Step Brief</td>
<td>2.1.15</td>
<td>~in general three attempts allowed for each iteration with feedback after each ~Similar Exercise (new iteration for same exercise number) allowed an unlimited number of times ~tutors in lab can assist with these exercises</td>
</tr>
<tr>
<td>Custom</td>
<td>Instructor-created question</td>
<td>~learning aids NOT available in MML ~in general three attempts allowed for each iteration with feedback after each ~Similar Exercise (new iteration for same exercise number) allowed an unlimited number of times ~tutors in lab can assist with these exercises</td>
</tr>
<tr>
<td>Reading Assessment</td>
<td>2.1.RA-3</td>
<td>~learning aids NOT available in MML ~can be attempted only two times with feedback after each ~Similar Exercise NOT allowed ~multiple choice, usually found at the end of each homework assignment, 3 to 7 questions ~tutors in lab can NOT assist with these exercises</td>
</tr>
</tbody>
</table>

Graded homework for each section has due dates and will close then, but a copy of the homework assignment (labeled Practice Homework) is open throughout the summer term to be used for studying. The Practice Homework does not count toward your course grade.

Tests and the Final Exam

- The proctored, password protected tests and Final Exam using MyMathLab must be scheduled and taken in the Center for Assessment and Evaluation (CAE) Testing Center in Himes Hall or in the Office of Disability Services (ODS) in Johnston Hall for students who have provided the teacher with an accommodation letter prior to testing allowing this testing location.
- Each test and the Final Exam have a specific window in which they can be taken, and you may select the day and time within that window to take tests and the Final Exam as long as a seat is available. Be sure to schedule as soon as possible to avoid conflicts with class or lab time. Check your Daily Schedule for the exact dates of your testing windows.
- Students testing in the CAE testing center must schedule tests in advance using the CAE scheduler found at www.cae.lsu.edu/default.asp. Alternatively, you can go to www.cae.lsu.edu and select Computer Based Testing and then Test Scheduling. You must schedule your test or the Final Exam prior to the opening of the testing window to be guaranteed a seat in the testing center. The first time you access the CAE site you will need to use your LSU 89 number as the password. When you schedule a test or the Final Exam at CAE correctly, you will receive a confirmation email from CAE. Do not delete it. This email will serve as your receipt in case there is a problem when you arrive to begin your test or the Final Exam. Check the date and time to be sure you have recorded them properly.
- Students testing in the ODS testing facility must adhere to all rules of the ODS testing facility, especially those regarding the time frame for scheduling tests.
• You will not get feedback after each exercise answer is entered. You must work through the test and submit it before seeing your score. You can review your test in Gradebook, and the MyMathLab learning aids will appear for the review.

• After completing all homework, you should prepare for tests and the Final Exam by repeatedly practicing until you can get all exercises correct without any assistance from MyMathLab learning aids, notes, the etext, or tutors. Practice Tests and a Practice Final Exam are available in MyMathLab for each test and will be open throughout the summer term. They do not count toward your course grade, but it is essential that you work the Practice Tests repeatedly until you can do the work without any help.

• Only one attempt is allowed for each test and for the Final Exam.

• The maximum time allowed for each test and the Final Exam is two hours.

• You are not allowed any assistance on a test or the Final Exam. This includes notes, formula sheets, or any other type of outside help. While testing, you are not allowed access to other online materials, including your homework and online learning aids in MyMathLab. Note that CAE and ODS have strict policies regarding test-taking. Be sure to familiarize yourself with their rules. Remember, academic dishonesty is a violation of the university Code of Student Conduct.

• If you miss a test, print a Makeup Test Request Form from Moodle, fill it in, attach any documentation, and then bring it to your teacher ASAP.

• Neither makeup tests nor the Makeup Final Exam will be counted unless you have appropriate approval in advance.

• There will be two test scores and a Final Exam. Your two tests count as 50% of your course grade, or 25% each. The Final Exam counts as 25% of your course grade, with the following exception. Your Final Exam score will be entered in the Moodle gradebook as your Final Exam score and also as a (fictitious) Test #3 score. Then, the lowest of the scores on Tests #1-3 will not be used in the course grade calculation (even though that score shows in the Moodle gradebook). This has the effect of replacing the lower of your two test scores with the Final Exam score if that Final Exam score is higher. In this situation your Final Exam grade counts as 50% of your course grade along with the higher of your two test scores counting as 25% of your course grade.

### Course Grade Calculation (posted in Moodle)

<table>
<thead>
<tr>
<th>Weight</th>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>Participation</td>
<td>5% for class participation and 5% for lab participation</td>
</tr>
<tr>
<td>15%</td>
<td>Homework</td>
<td>lowest 2 of 25 homework scores will be dropped</td>
</tr>
<tr>
<td>50%</td>
<td>Tests</td>
<td>2 tests, lowest will be replaced with Final Exam score if higher</td>
</tr>
<tr>
<td>25%</td>
<td>Final Exam</td>
<td>cumulative, never dropped</td>
</tr>
</tbody>
</table>

A replaced test grade and dropped homework grades will always show in the Moodle gradebook but will NOT be used in the Moodle grade calculation for the course. The Practice Homework, Practice Tests, and the Practice Final Exam do not count toward the course grade.

### Grading Scale

A+: 98-100%  A: 93-97%  A-: 90-92%
B+: 88-89%  B: 83-87%  B-: 80-82%
C+: 78-79%  C: 73-77%  C-: 70-72%
D+: 68-69%  D: 63-67%  D-: 60-62%  F: 0-59%

Your course grade will be determined by rounding your course average (either up or down) to the nearest whole number using standard rounding procedures.

### General Education Course Credit:
This course can be used to meet three credit hours toward the general education requirement for analytical reasoning. LSU graduates will employ scientific and
mathematical models in the resolution of laboratory and real-world problems. See the LSU General Catalog for more information.

**Announcements**
Throughout the summer term announcements will be made in class, through the MyMathLab announcement page, and by LSU email. Check these daily.

**Course Instructor**
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